

FIG. 1 A

1 TTTCCCTCACTGACTATAAAAGAATAGAGAAGGAAGGGCTTCACTGACCCGCTGCCCTGGCTGACTTACAGCAGTCAGACTCTGACAGGATC
 91 ATGGCTATGATGGAGGTCCAGGGGGGACCCAGCCTGGACAGACCTGCGTGTGATCTTACAGTGCCTCTGCAGTCCTCTCTST
 1 MetAlaMetMetGluValGlnGlyGlyProSerLeuGlyGlnThrCysValLeuIleValIlePheThrValLeuLeuGlnSerLeuCys
 181 GTGGCTGTAACCTACGTGACTTTACCAACGAGCTGAAGCAGATGCCAGACAAGTACTCCAAAAGTGGCATTGCTTGTCTAAAGAGA
 31 ValAlaValThrTyrValTyrPheThrAsnGluLeuLysGlnMetGlnAspLysTyrSerLysSerGlyIleAlaCysPheLeuLysGlu
 271 GATGACAGTTATTGGGACCCCAATGACGAAGAGACTATGAAACAGCCCCCTGCTGGCAACTCAACTGGCAACTCCGTCAGCTCGTTAGAAA
 61 AspAspSerTyrTrpAspProAsnAspGluSerMetAsnSerProCysTrpGlnValLysTrpGlnLeuArgGlnLeuValArgLys
 161 ATGATTTGAGAACCTCTGAGGAAACCAATTCTACAGTTCAAGAAAAGCAACAAAATTTCTCCCCTAGTGAGAGAAAAGAGGCTCTGAG
 91 MetIleLeuArgThrSerGluGluThrIleSerThrValGlnGluLysGlnAsnIleSerProLeuValArgGluArgGlyProGln
 451 AGAGTAGCAGCTCACATAACTGGGACCAGAGGAAGGAAACACATTGTTCTCCAAACTCCAAGAAATGAAAAGGCTCTGGGCGCAAA
 121 ArgValAlaAlaHisIleThrGlyThrArgGlyArgSerAsnThrLeuSerSerProAsnSerLysAsnGluLysAlaLeuGlyArgLys
 541 ATAAACTCCTGGGAATCATCAAGGAGTGGGATTCTGAGCAACTTGCACTTGAGGAATGGTAACTGGTCATCCATGAAAAGGG
 151 IleAsnSerTrpGluSerSerArgSerGlyHisSerPheLeuSerAsnLeuHisLeuArgAsnGlyGluLeuValIleHisGluLysGly
 631 TTTTACTACATCTATTCCAAACATACTTCGATTTAGGAGGAATAAAAGAAAACACAAAGAACGACAAACAAATGGTCCAAATATATT
 181 PheTyrTyrIleTyrSerGlnThrTyrPheArgPheGlnGluGluIleLysGluAsnThrLysAsnAspLysGlnMetValGlnTyrIle
 721 TACAAATACACAAGTTATCCTGACCCCTATATTGTTGATGAAAAGTGCCTAGAAAATAGTTGTTGGTCTAAAGATGCAGAATATGGACTCTAT
 211 TyrLysTyrThrSerTyrProAspProIleLeuMetLysSerAlaArgAsnSerCysTrpSerLysAspAlaGluTyrGlyLeuTyr
 811 TCCATCTATCAAGGGGAATATTGAGCTTAAGGAAAATGACAGAATTTCTTCTGAAACAAATGAGCAGTGCATAGACATGGACCAC
 241 SerIleTyrGlnGlyGlyIlePheGluLeuLysGluAsnAspArgIlePheValSerValThrAsnGluHisLeuIleAspMetAspHis
 901 GAAGCCAGTTTTCCGGGCCTTTTACTTGGCTAACTGACCTGGAAAGAAAAGCAATAACCTCAAGTGCATATTCAAGTGTCTTCAAGGAT
 271 GluAlaSerPhePheGlyAlaPheLeuValGlyStop
 991 GATACACTATGAGATGTTCAAAAATCTGACCAAAAACAAAACAGAAA

FIG. 1 B

B
 41BBL 80 DPAGLLDLRQGMF**AQ**VAQ-----NVLLIDGP-----S**W**YSDPGLAGVS**TG**-**G**LSYKEDT**H**ELVVA
 OX40L 52 VSH---RYPRIQS**I**KVQFT-----EYKKEKG-----F---ILTS---Q**E**DE-IMKVQNN---SVIIN
 CD27L 45 QQQLPLESLGWDV**A**ELQLN-----HTG**P**QQDP**R**-----Y**W**QGGPALGRS**FL**H-**G**PELD**K**G-**O**LR**I**H
 CD30L 87 LCILKRAPFKKSWAY**I**QVA-----KHLNKTKL-----S**W**NKD-----G**C**I**L**H-**G**VRYODG---NLVIQ
 THF 77 VRSSSRTPSDKP**V**AHVVA-----**P**QAEG**Q**U-----Q**W**LNRRAN-**A**LLAN-**G**VE**L**RD**N**--OLVVP
 Ltb 77 EEPETDLS**P**GLPA**A**HLIG-----**P**LKG**Q**GL-----G**M**ETTKEQ-**A**FLTS-**G**TQFSDA-**E**GLALP
 Lta 52 PKMHLAHSTL**K**PA**A**HLIG-----**P**SKQNSL-----LWRANTDR-**A**FLQD-**G**FS**S**MN--S**L**VP
 CD40L 113 HQ---KG**D**QNPQ**I**A**H**VI**S**E-----**A**SSKTT**S**V-----Q**W**AE**G**YY-**T**MSNN-**L**TV**L**ENG-**K**Q**L**TV**K**
 Apo1L 134 PSPPPEKKELRK**V**A**H**L**T**G-----**S**NSRSH**P**-----E**W**EDTY**G**IV-**V**L**S**-----**G**V**K**Y**K**KG-**G**LV**I**N
 Apo2L 114 VRE---RG**P**QRV**A**X**N**I**T**-----**T**RGRSNTLSSPNSKNE**K**AL**G**R**K**INS**W**ESSRSGH-**S**FL**S**-----NL**H****R**NG-**E**LV**I**H
 C
 41BBL 137 KAG**V**Y**Y**V**F**OLE**L**RR**V**AGE**G**S-----G**S**V**M****S**AL**H**L**Q**PL**R**SAGAAA**A**LA**T**VD**L**P**A**S-----**F**
 OX40L 97 C**D**GFY**I****L**SL**K**GY**F**-**S****E**-----**V**N**I**SL**H**-**Y****Q**DE-**E****P**-**L**F**Q****L**KK**V**R**S**V**N**-----
 CD27L 100 RDC**I**Y**M**V**H**I**Q**V**T**LA**I**C**S****S**TT**A**SR**H**-**H**PT**T****L**AV**G****I**C**S****P****A**S-----**R**S**I****S****L****R****S****F**
 CD30L 135 F**P**GLY**F****I****T****I**C**Q****L****O****L****V****O****C**P-----**N****N****S****V****O****L****K**ELL**L**INK**H**I-----K**K**Q**A****L****V****T****V****C****E**
 THF 128 S**E**GLY**L****I****X****S****Q****V****L****E****K****G****O****G****C**P-----**S****T****H****V****L****I****T****H****I****S****R****I****A****V****S****M**-**O****T****K****V****N****L****S****A****I****K****S****P****C****Q****R****E****T****P**
 Ltb 129 Q**D**GLY**Y****Y****L****C****L****V****Y****R****G****R****A****P****G****G****G****D****P****Q****G****R****S****V****T****R****R****S****L****Y****R****A****G****G****A****Y****G****P****G****T****P****E****L****L****E****G****A****E****T****V****T****P****V****L****D****P****A****R**
 Lta 103 T**S****G****I****M****F****V****Y****S****Q****V****E****S****K****A****Y****S****P****K****A****T**--**S****S****P****L****Y****I****A****H****E****V****Q****L****F****S****S****Q****Y**-**P****F****H****V****P****U****L****S****S****Q****K****M****V****Y****P****G**
 CD40L 165 R**Q****G****L****Y****X****I****M****A****Q****V****T****E****C****S****N****R****E**-----**S****S****Q****A****P****F****I****A****S****L****C****L****K****S****P****G****R**--**F****E****I****E****L****R****A****A****N****T****H****S****S****A****K**
 Apo1L 186 E**T****G****L****Y****F****V****V****S****K****V****Y****F****R****G****O****S****C**-----**N****N****L****P****L****S****H****K****V****Y****H****R****N****S****K****Y**-**P****Q****D****L****V****H****E****G****K****M****H****S****Y****C****T**
 Apo2L 178 E**K****G****F****Y****Y****I****S****Q****T****Y****E****R****F****O****E****E****I****K****E****N****T****K**--**N****D****K****Q****H****V****Q****I****Y****K****Y****T****S**-**Y**-**P****D****P****I****L****H****K****S****A****R****N****S****C****W****S****K****D**
 G
 41BBL 190 ---**S****E****A****R****N****S****A****F****G****F****Q****G****R****L****E****H****L****S**-**A****C****O****R****L****G****M****L****H****T****E****A****R****A****H****W****Q****L****T****Q****G****A****T****V****L****G****L****E****F****R****V****T****P****E****I****P****A****G****L****P****S****P****R****S**
 OX40L 137 -----**S****L****H****V****A****S****L****T****Y****K****D**-----**V****Y****I****M****T****D****N****T**-**S****U****D****F****H****V****N****G****G****L****I****L****H****Q****N****D****E****F****C****V****L**
 CD27L 149 -----**F****H****Q****G****C****T****I****V****S****Q****R****L****T****P****A****R**-----**G****D****T****I****C****T****N****L****T****G****T****L**-**P****S****R****N****T****D**-----**E****T****E****F****G****V****Q****W****V****R**
 CD30L 180 -----**G****H****Q****T****K****H****V****Y****Q****N****L****S****Q****L****D****D****L****Q****V****N****T****T****I****S****V****N****Y****D****T****F****Q****Y****I**-**D****T****S****T****F****P****L****E****N**-**V****L****S****I****E****Y****S****N****D**
 THF 184 GAEAKP**W****Y****E****I****Y****L****C****V****E****Q****D****E**-----**G****D****R****I****S****A****E****I****N****R****P****D****Y****E**-**D****F****A****E****S****G**-----**Q****V****Y****E****G****I****I****A****E**
 Ltb 195 Q**G****Y****G****P****L****W****Y****T****S****V****G****F****G****L****V****Q****R****R**-----**G****E****R****V****Y****V****N****I****S****K****P****D****H****Y**-**D****F****A****R****G**-----**K****T****E****F****G****A****V****H****V**
 Lta 160 -----**Q****E****P****L****L****H****S****M****Y****H****G****A****F****Q****L****T****Q**-----**C****E****O****S****T****H****T****D****G****I****P****H****V****L****S****P****T**-----**V****V****F****E****G****A****F****A**
 CD40L 217 -----**P****C****G****Q****Q****S****I****T****H****L****G****C****V****F****E****I****Q**-----**C****A****S****V****F****V****N****M****T****D****P****S****Q****V****S****H****G****T**-----**F****T****S****F****G****L****K****I**
 Apo1L 237 -----**G****Q****H****W****A****R****S****S****Y****L****G****A****V****F****N****I****L****T**-----**A****D****H****I****V****N****S****E****L**-**S****V****N****E****E****S**-----**Q****T****E****F****G****L****Y****K**
 Apo2L 236 -----**E****Y****G****L****Y****S****I****Y****Q****G****C****I****E****L****K**-----**N****D****R****I****F****V****S****T****N****E**-**H****U****I****D****M****H****E**-----**A****S****F****F****G****A****F****L****V**

FIG. 1 C

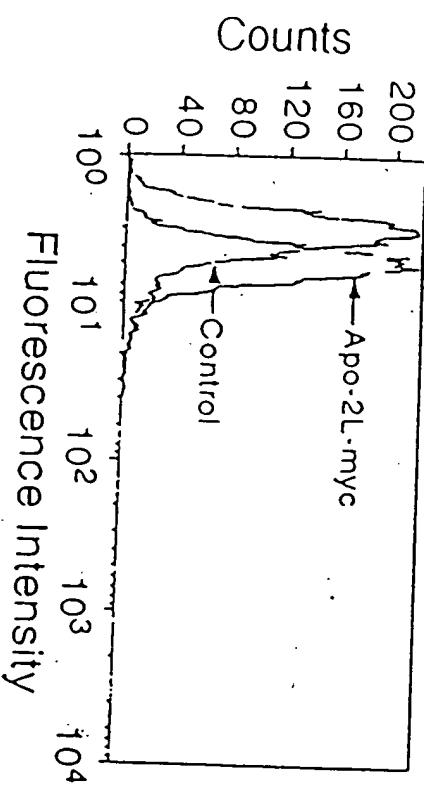


FIG. 1 D

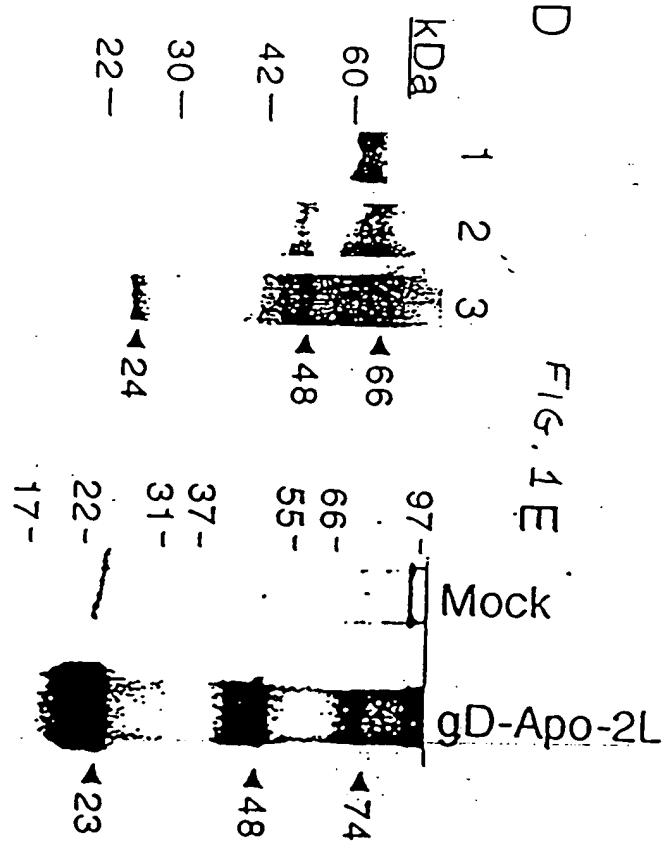


FIG. 1 E

FIG. 2 A 9D cells

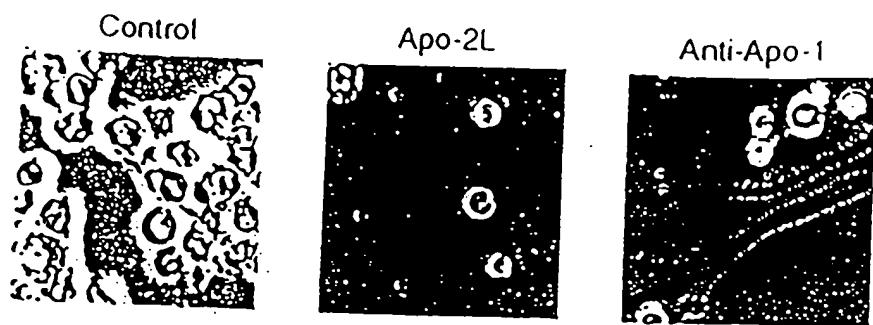


FIG. 2 B 9D cells

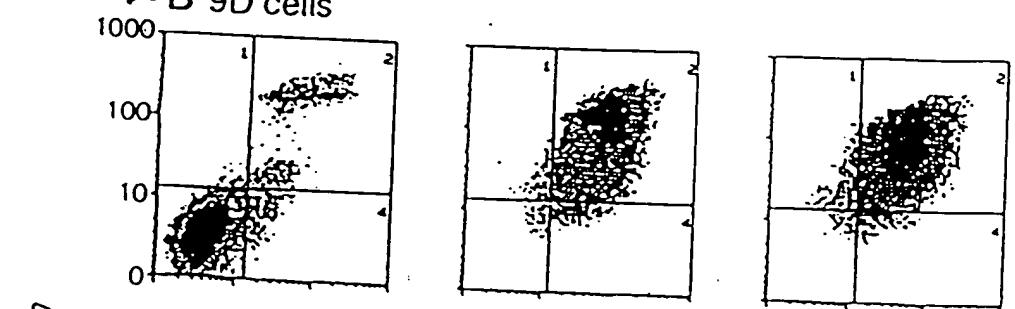


FIG. 2 C Raji cells

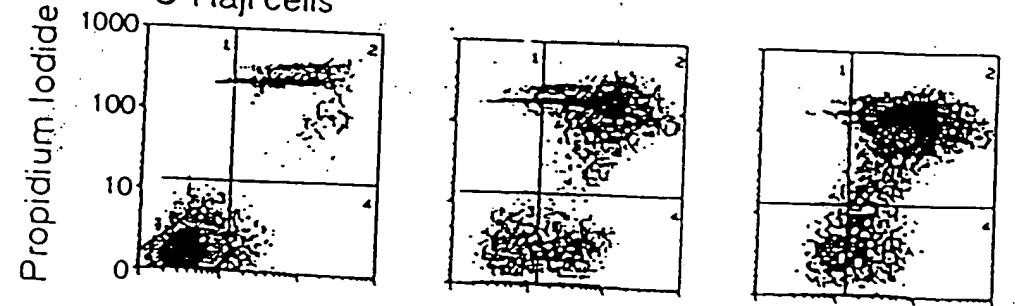


FIG. 2 D Jurkat cells

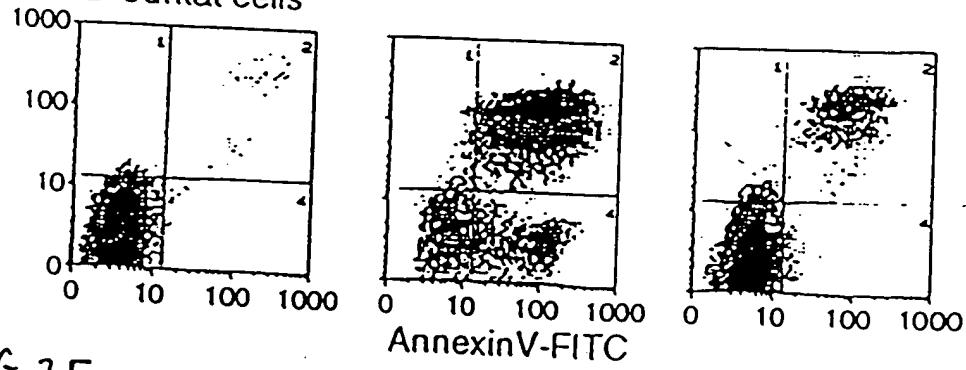


FIG. 2 E

Jurkat | 9D
Control | Control
Apo-2L | Apo-2L

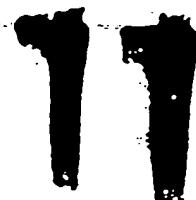


FIG. 3 A

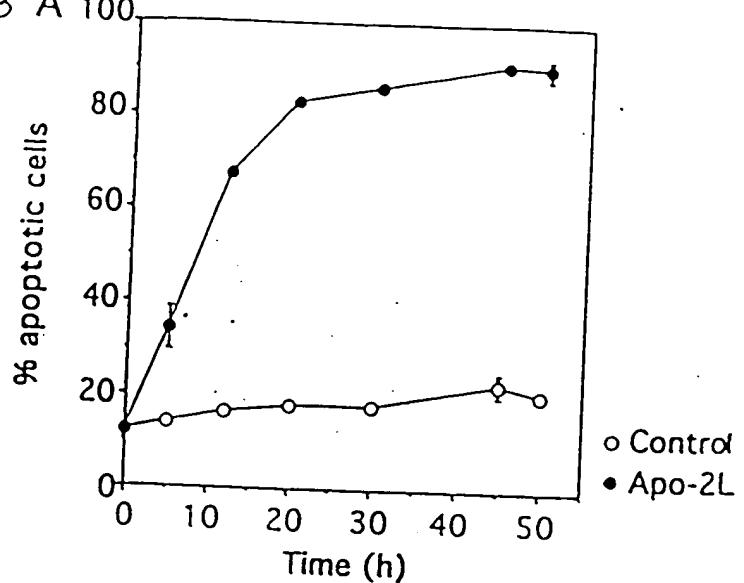


FIG. 3 B

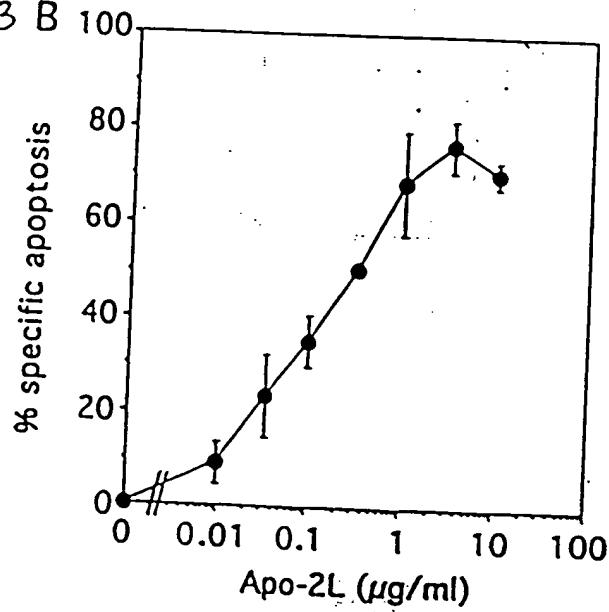


FIG. 3 C

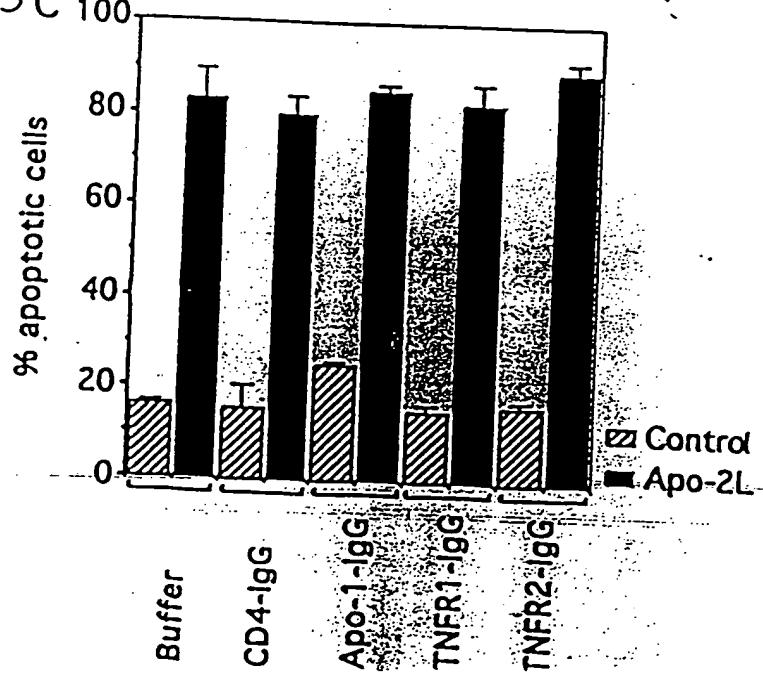
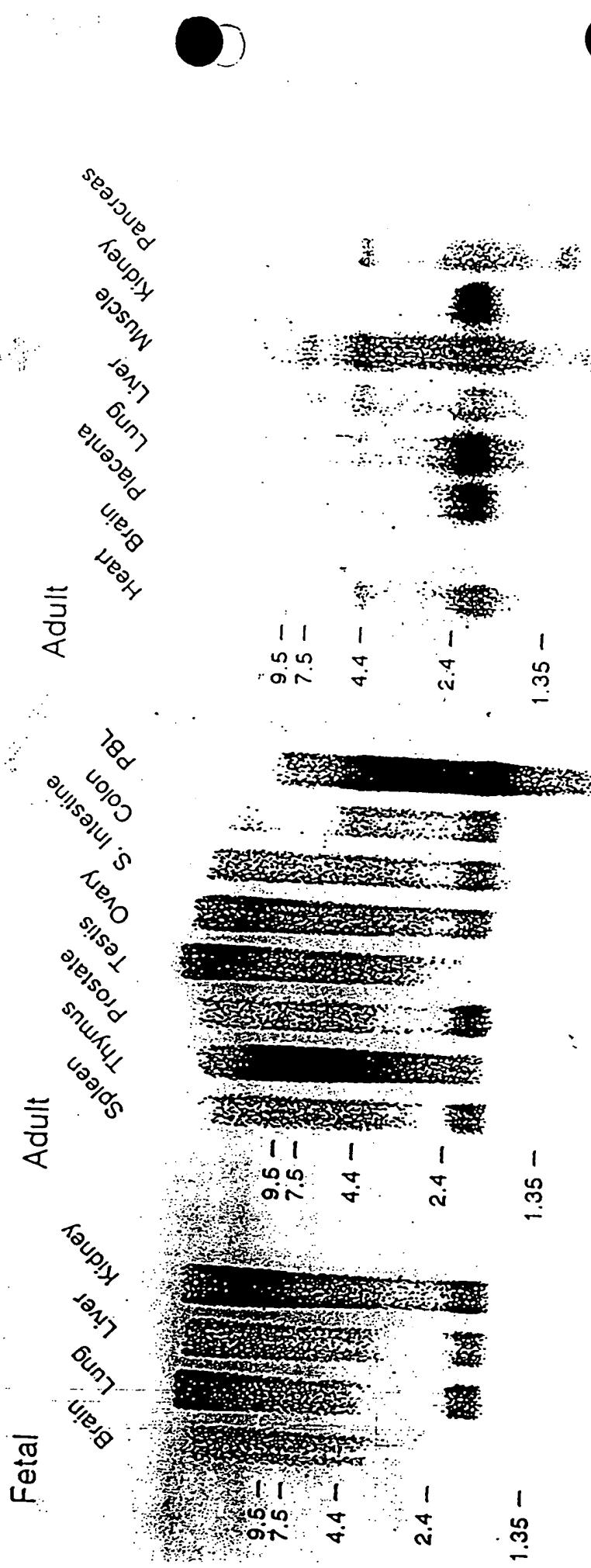


FIG. 4



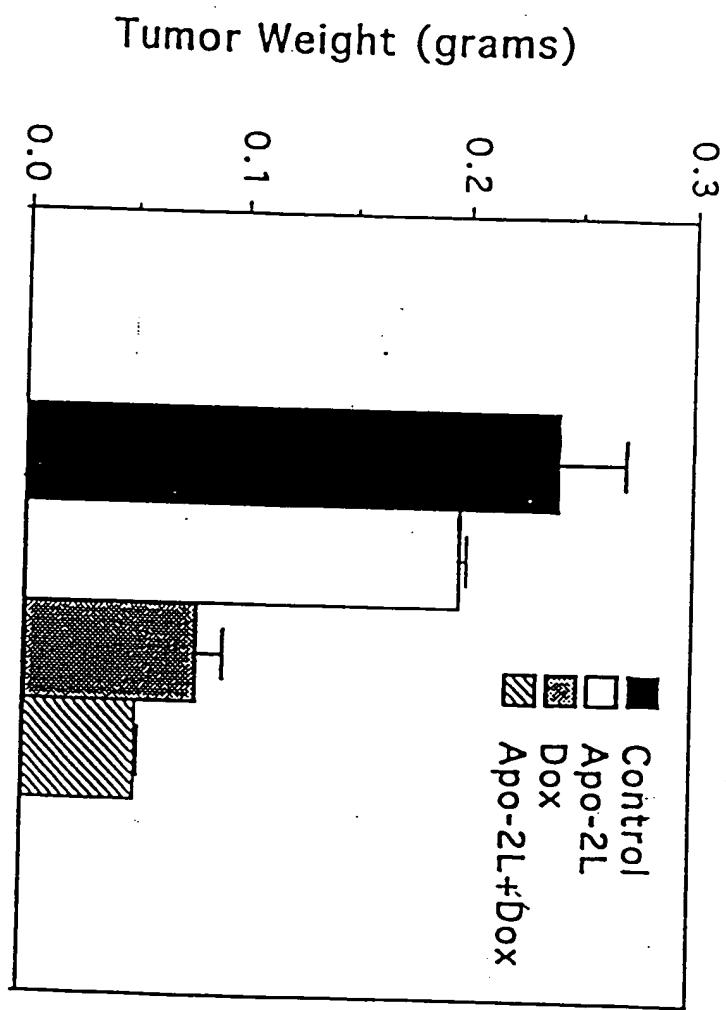


Fig. 5

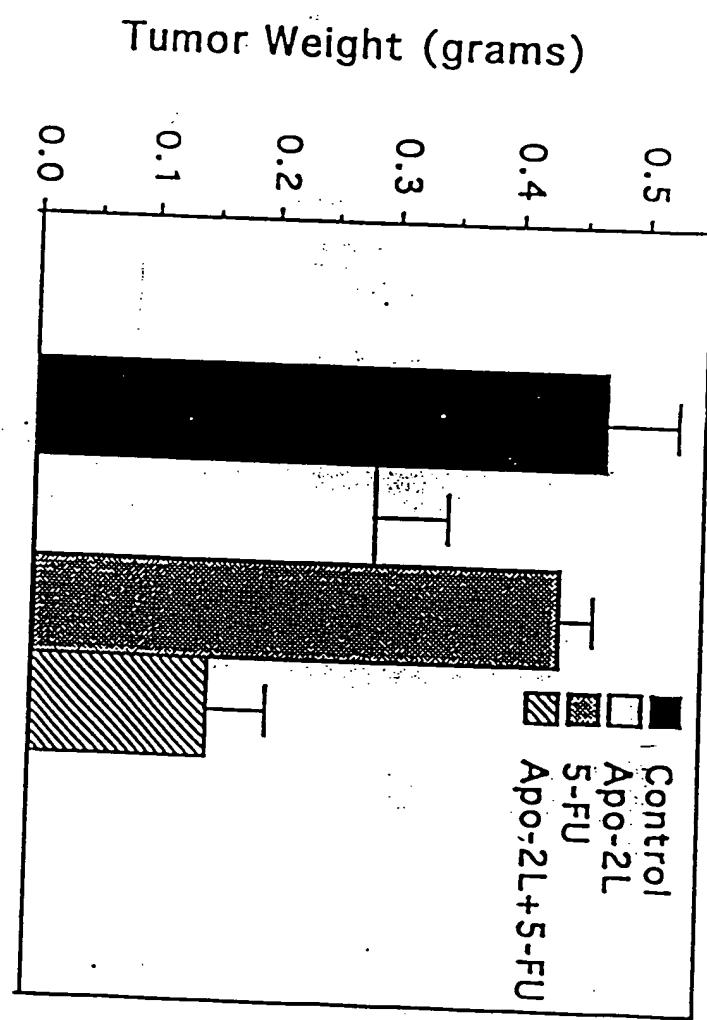


Fig. 6

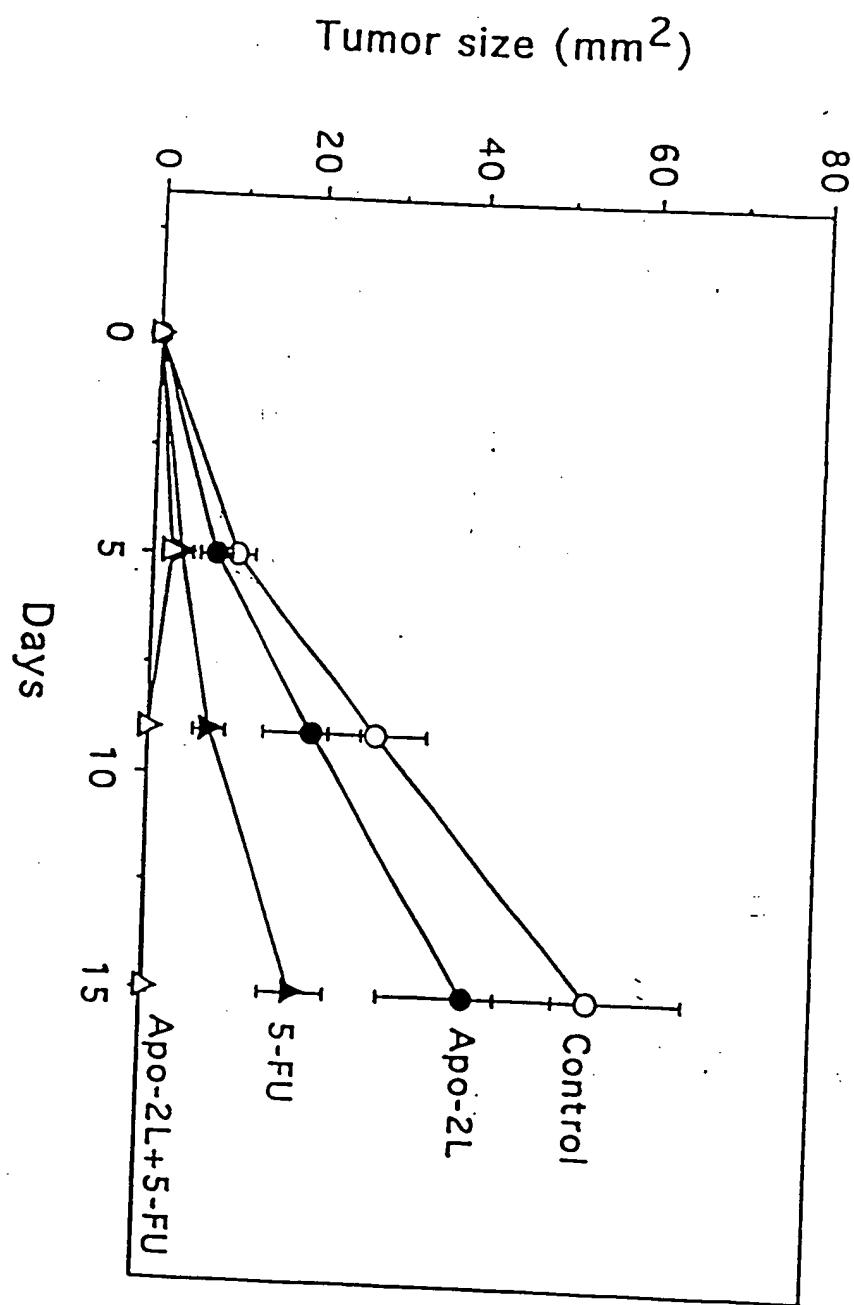


Fig. 7

Tumor Weight (grams)

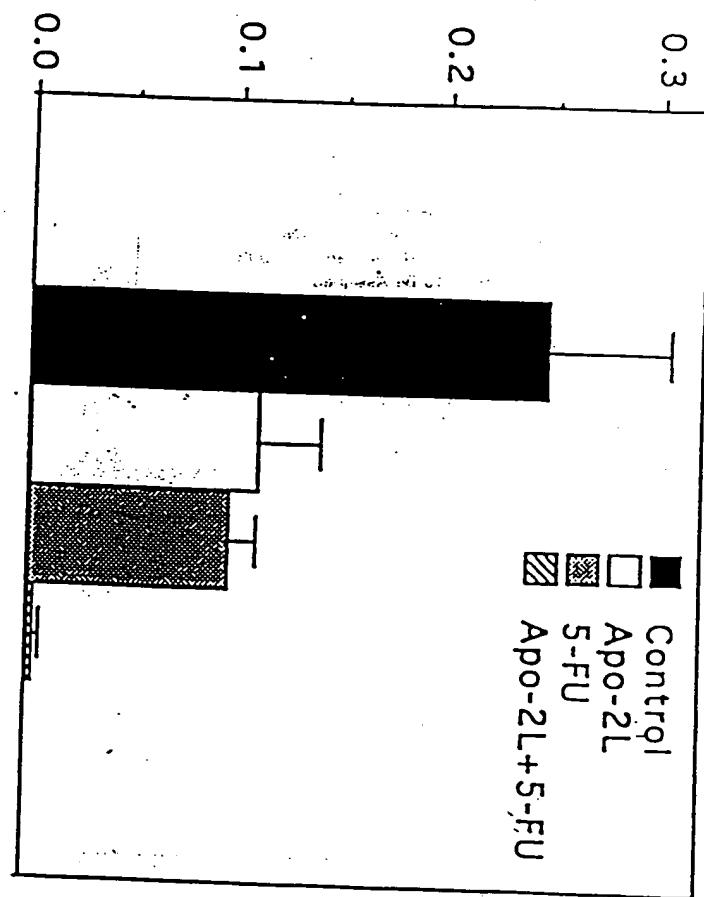


Fig. 8

Fig. 9

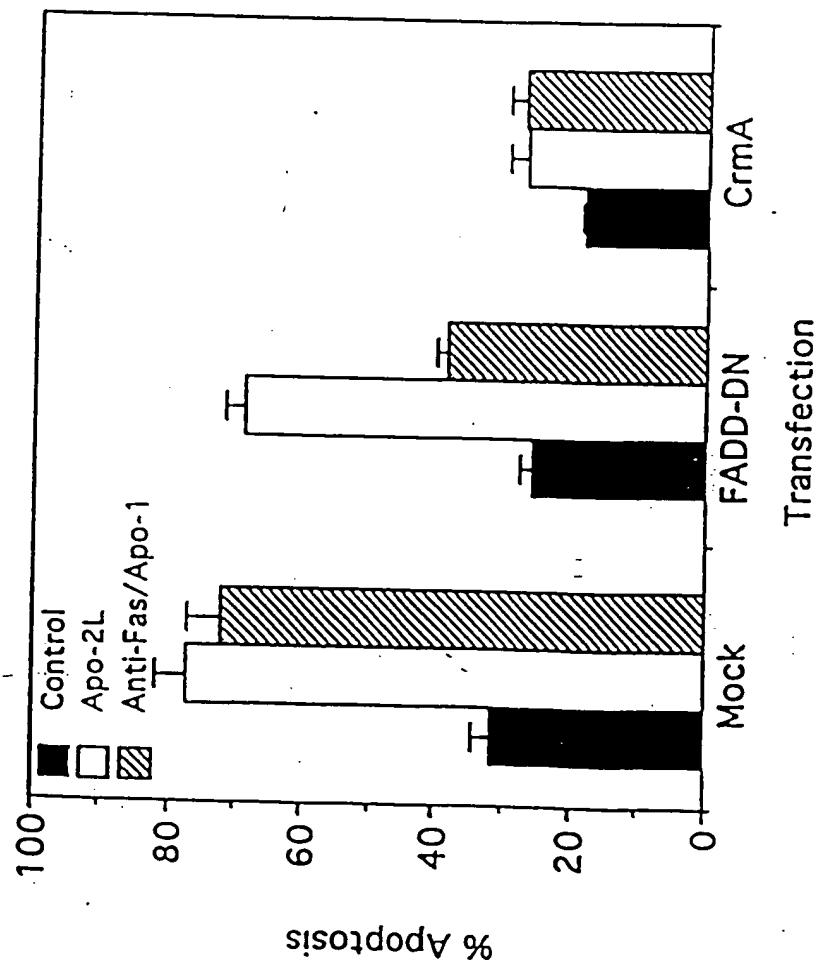


Fig. 10

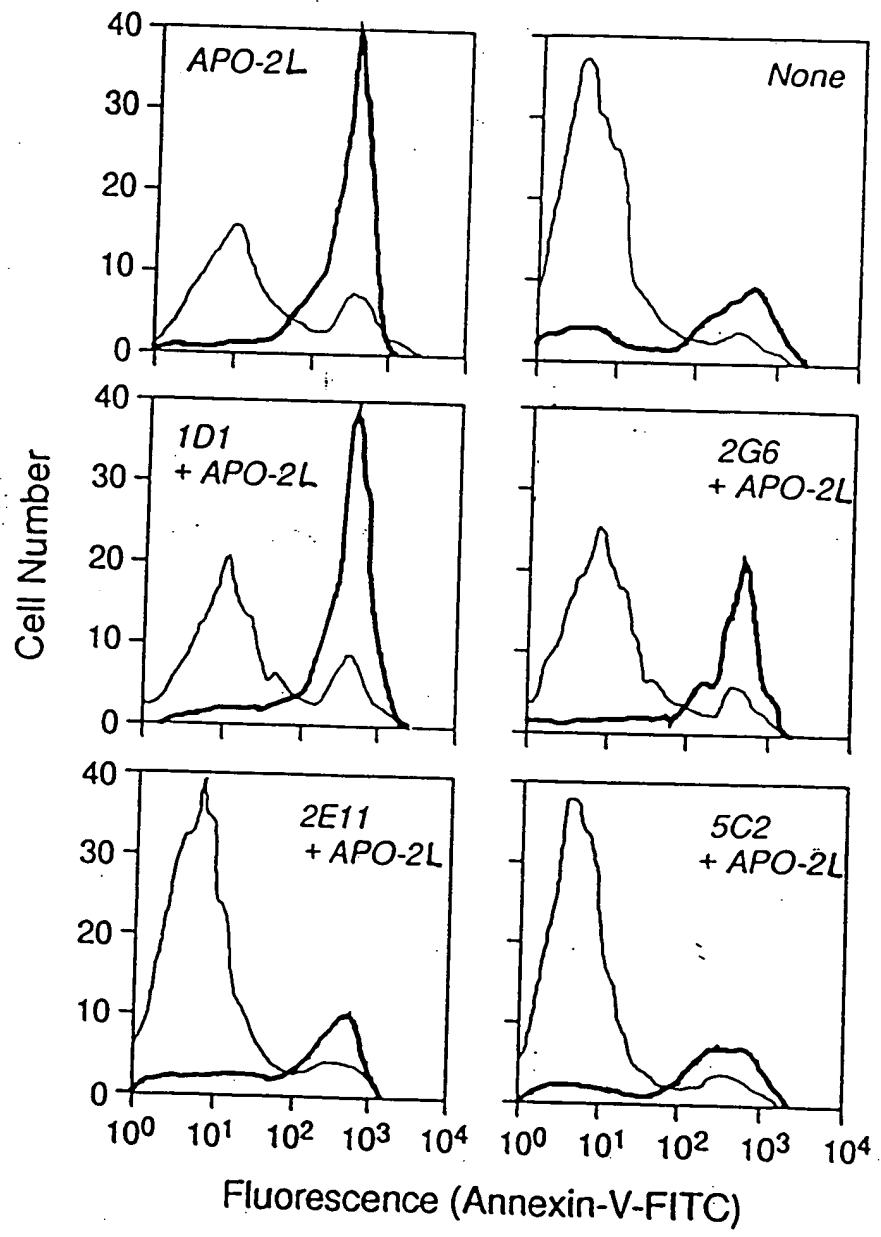


Fig. 11

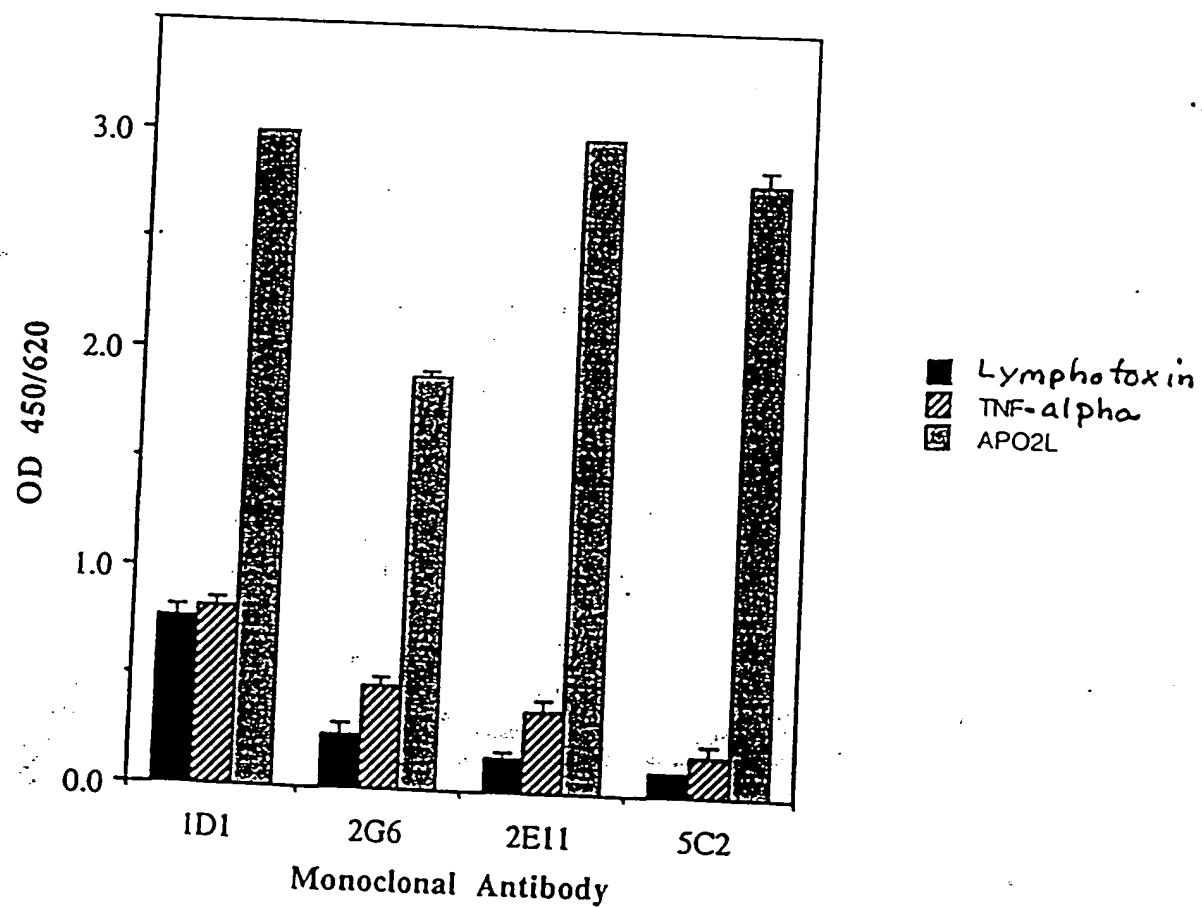


Fig. 12

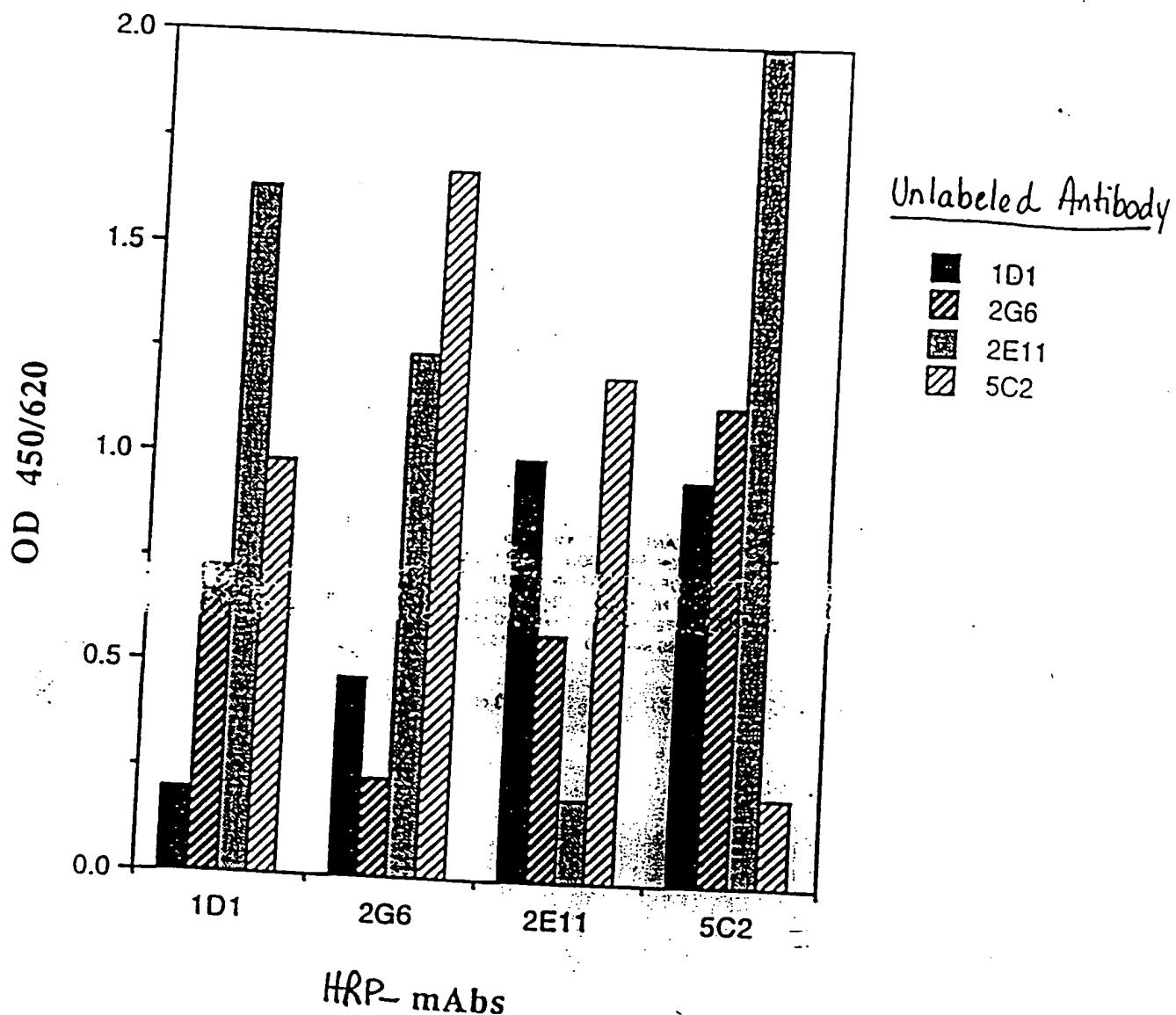
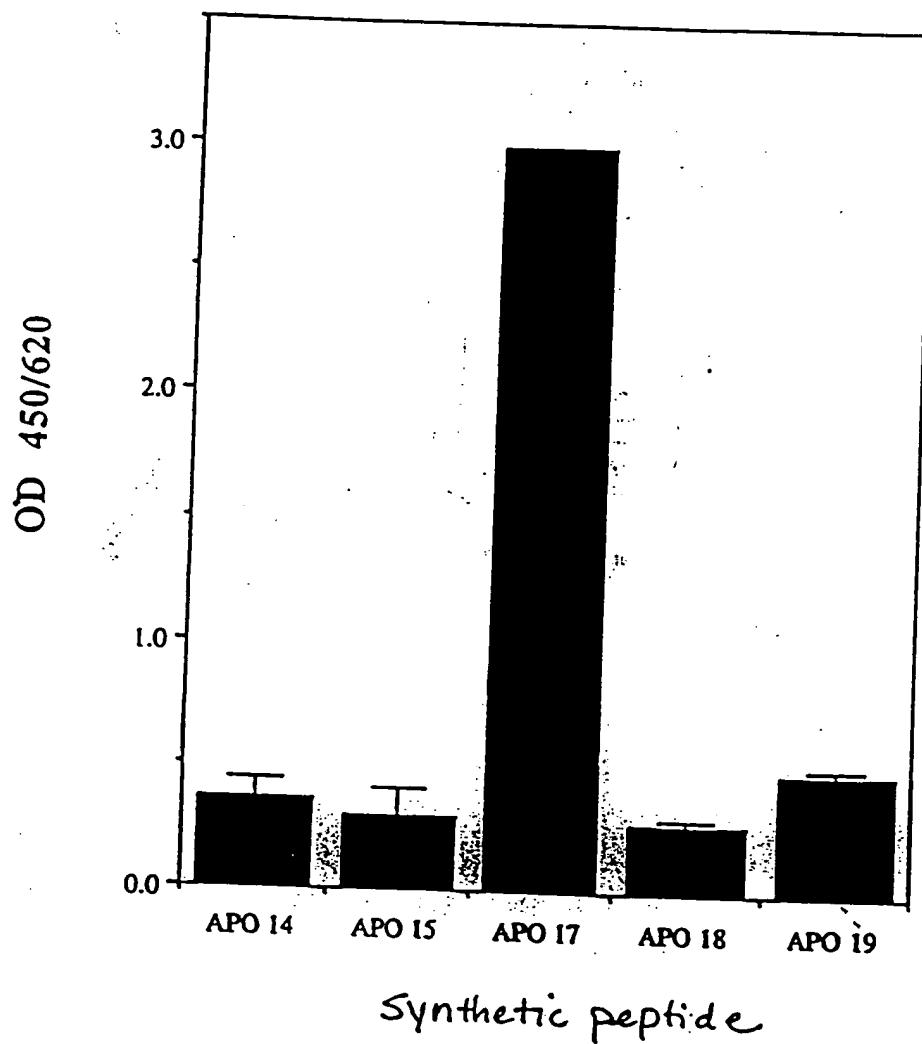
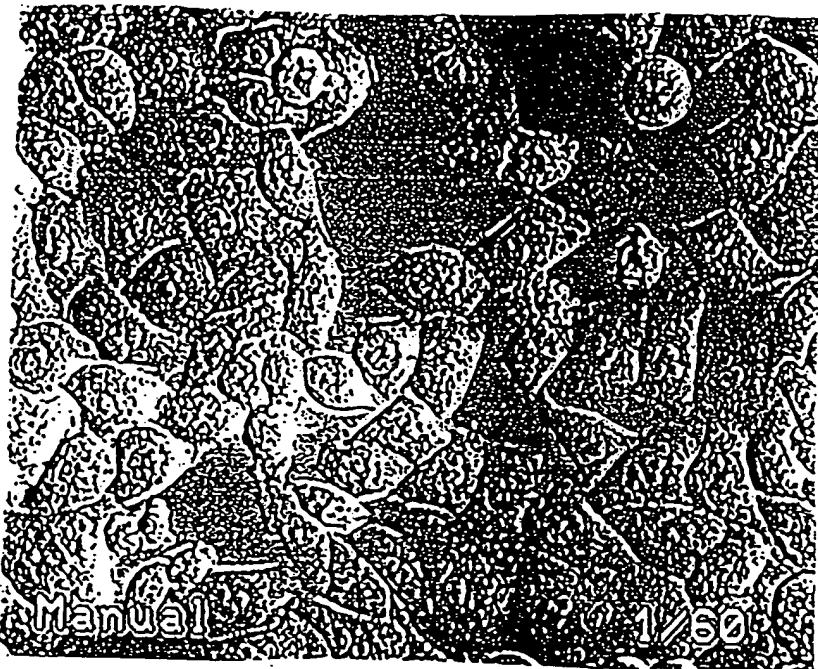


Fig. 13



0004765522 010700

Fig. 14A



Unconditioned
Medium

Fig. 14B

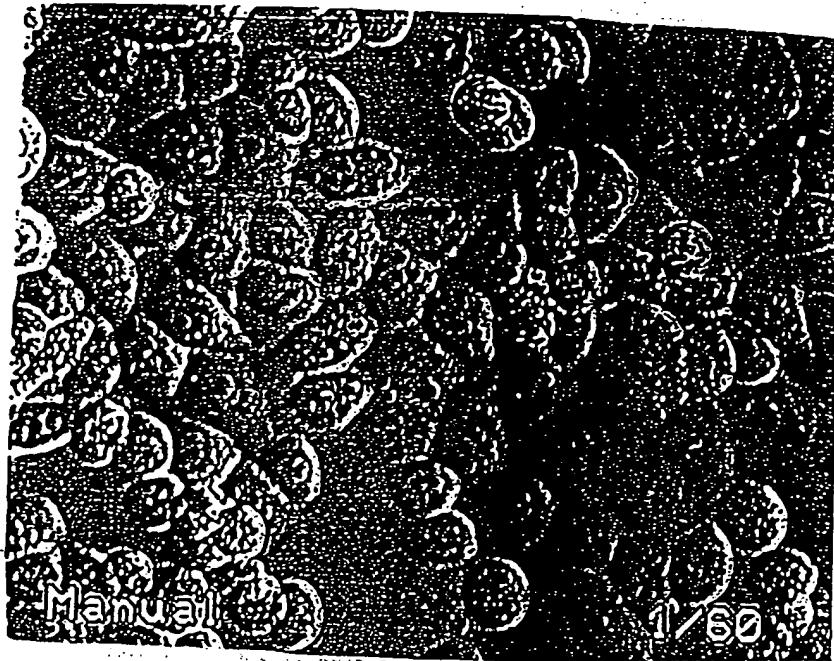


Fig. 14C

09479522 - 040206

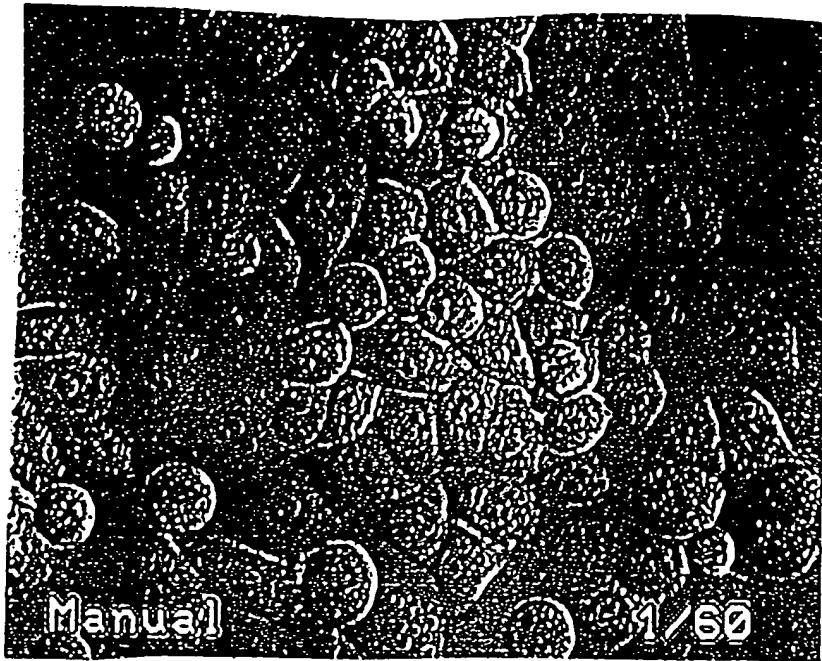
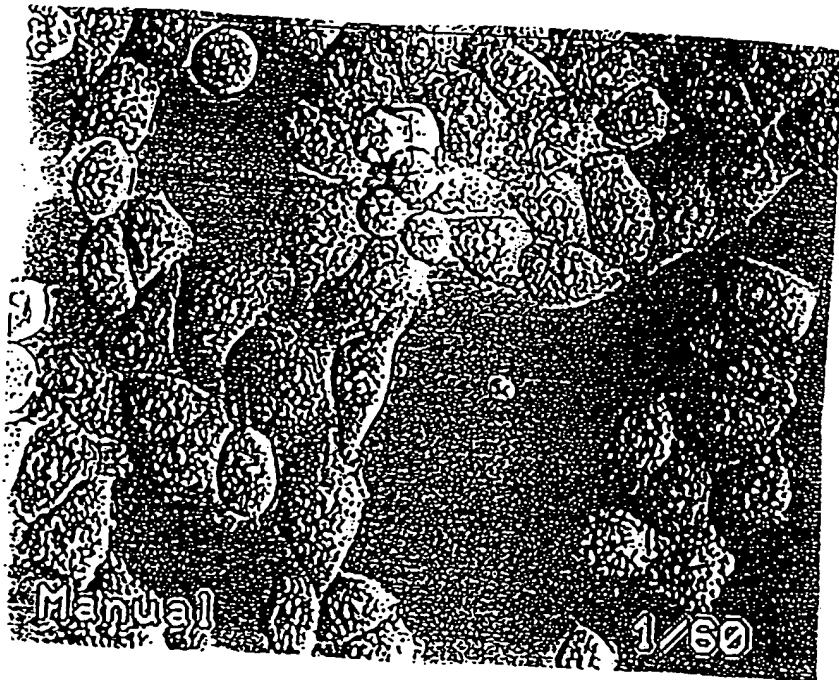


Fig. 14D



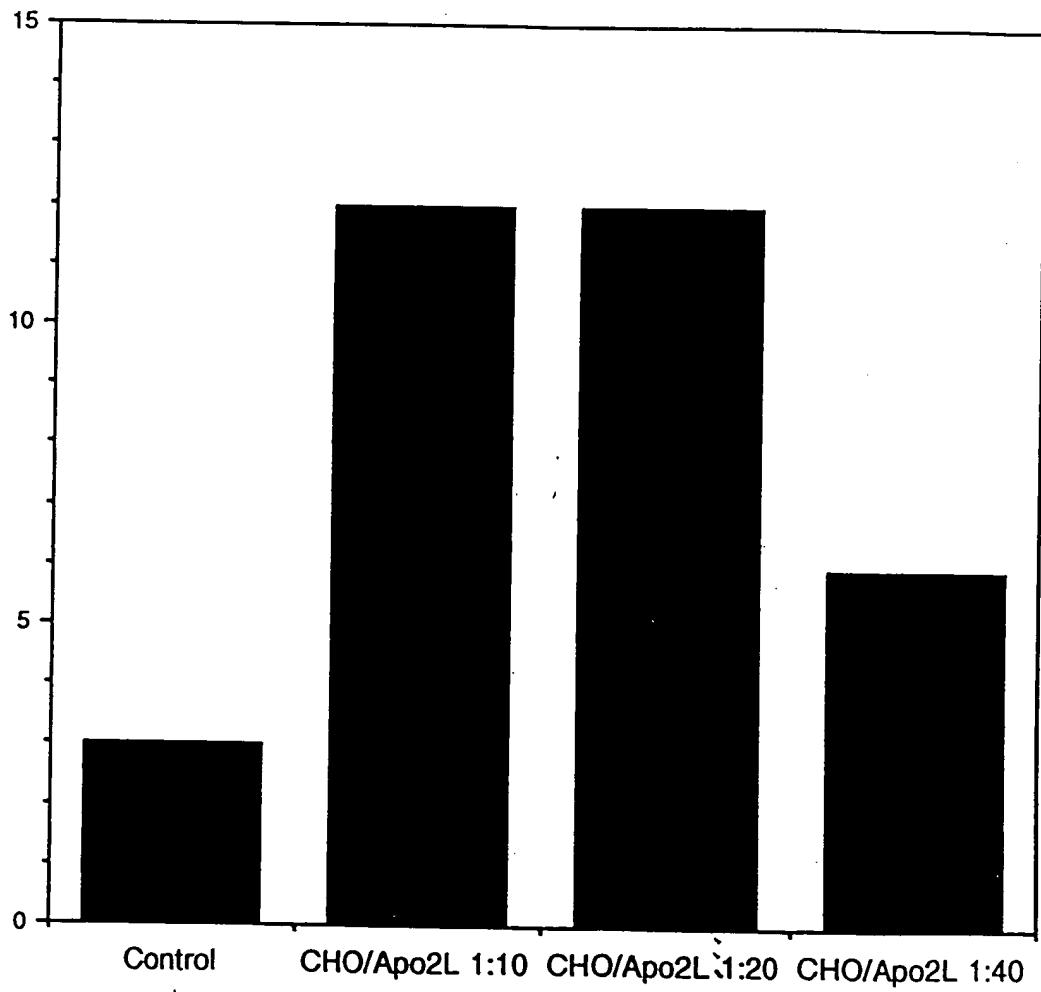


Fig. 14E

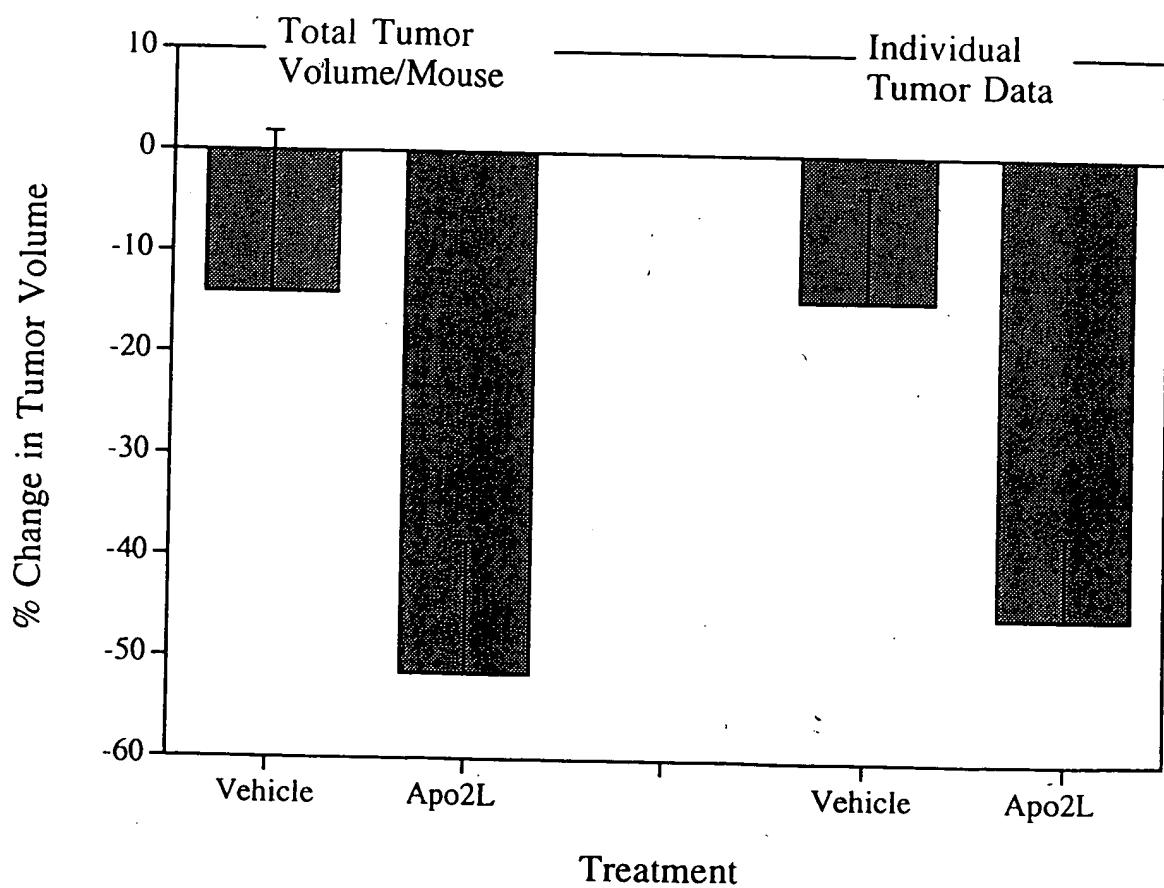


Fig. 15